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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Faris, Ronald

SERIAL NUMBER: 09/743,544

EXAMINER: J. Woitach

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FOR: Liver Stem Cell

March 27, 2003
Boston, Massachusetts

Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

In response to the Office Action mailed on September 27, 2002, please amend the application as follows.

Amendments to the Claims:

Cancel claims 1-34 and 42-48. Amend claim 35. Add new claims 49-64.

a1
35. A method of obtaining a sample of substantially pure liver stem cells comprising, isolating a liver cell cluster from liver tissue, said cluster comprising a stem cell associated with a hepatocyte, wherein said cluster consists essentially of 2 to 5 cells and wherein said stem cell comprises an OV6 antigen and lacks an OC2 antigen.

49. The method of claim 35, wherein said stem cell is a pre-oval cell.

a2
50. The method of claim 35, wherein said liver tissue is fetal liver tissue.

51. The method of claim 35, wherein said liver tissue is pediatric liver tissue.

52. The method of claim 35, wherein said liver tissue is adult liver tissue.